

The claims in this application, including their current status and changes made in this paper, are respectfully presented.

Claims 1 through 17 are canceled.

18 (currently amended). A receiver, comprising:

- a Fast Fourier Transform for transforming time domain values into complex amplitudes in the frequency domain;
- a buffer for supplying received time domain values to the demodulation unit Fast Fourier Transform according to a frame boundary;
- a correlator for correlating complex amplitudes of a synchronizing frame with a synchronizing pattern stored at the receiver to produce a correlation result;
 - a derotation multiplier coupled to the correlator; and
- a frame synchronizer <u>for</u>, in response to the correlation result being below a predetermined value, adjusting the frame boundary by a time shift determined by performing a plurality of correlations between the stored synchronizing pattern and the complex amplitudes multiplied, in each <u>one of the plurality of correlations</u>, ease multiplied by a respective complex value representing a respective complex derotation of the complex amplitudes corresponding to a respective time shift of the synchronizing frame <u>for that correlation</u>.

